Appl. No. 10/748,903

Art unit: 1751

LISTING OF CLAIMS

1. (Original) A cleaning solution comprising:

deionized water; and

a surfactant represented by the following formula:

wherein R_1 and R_3 are carbides or fluorocarbons having 1 to 20 carbons, R_2 is hydrogen or carbide, m+p is an integer ranging from 1 to 30, n+q is an integer ranging from 0 to 10.

2. (Original) The cleaning solution as claimed in claim 1, wherein R_1 is selected from the group consisting of a methyl group,

$$CH_{3} + (CH_{2})_{r} + (CH_{2})_{r} + (CH_{2})_{r} + (CH_{3})_{r} + (CH_{2})_{r} + (CH_{3})_{r} + (CH_{3})_{r} + (CH_{2})_{r} + (CH_{3})_{r} + (CH_{3})_{$$

3. (Original) The cleaning solution as claimed in claim 1, wherein R_2 is selected

from the group consisting of hydrogen, a methyl group, an ethyl group, a propyl group,

an isopropyl group, CF_3 , CF_3CF_2 and CH_3 , wherein r is an integer ranging from 1 to 15.

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4. (Original) The cleaning solution as claimed in claim 1, wherein R_3 is selected from the group consisting of $-C \equiv C -$, and and

- 5. (Original) The cleaning solution as claimed in claim 1, further comprising an anionic surfactant containing fluorine or a nonionic surfactant containing fluorine.
- 6. (Original) The cleaning solution as claimed in claim 5, wherein the nonionic surfactant containing fluorine is $R_fCH_2CH_2O(CH_2CH_2O)_XH$, wherein X is an integer ranging from 0 to 20 and R_f is $F(CF_2CF_2)_Y$, and wherein Y is an integer ranging from 1 to 10.
- 7. (Original) The cleaning solution as claimed in claim 5, wherein the anionic surfactant containing fluorine is ammonium perfluoroalkylethoxy phosphorate.
- 8. (Original) The cleaning solution as claimed in claim 5, wherein the anionic surfactant containing fluorine or the nonionic surfactant containing fluorine is about 0.01 to about 1.0 wt.% based on a total weight of the deionized water.
- 9. (Original) The cleaning solution as claimed in claim 1, wherein the surfactant is about 0.01 to about 1.0 wt.% based on a total weight of the deionized water.

Claims 10-26 (Canceled)